

**ROCKY FLATS CITIZENS ADVISORY BOARD****MINUTES OF WORK SESSION****September 2, 1999**

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**FACILITATOR:** Reed Hodgins

Jim Kinsinger called the meeting to order at 6:10 p.m.

**BOARD / EX-OFFICIO MEMBERS PRESENT:** Ray Betts, Shawn Burke, Gerald DePoorter, Jeff Eggleston, Tom Gallegos, Victor Holm, Jim Kinsinger, Bill Kossack, Tom Marshall, LeRoy Moore, David Navarro, Markuené Sumler, Bryan Taylor / Steve Gunderson, Anna Martinez, John Rampe, Tim Rehder**BOARD / EX-OFFICIO MEMBERS ABSENT:** Susan Barron, Tom Davidson, Eugene DeMayo, Joe Downey, Mary Harlow, Mary Mattson, Linda Sikkema**PUBLIC / OBSERVERS PRESENT:** J. C. Triolo (citizen); David Abelson (RFCOLG); Alan Trenary (citizen); Lora Richards (citizen); Carl Spreng (CDPHE); Tom Stewart (CDPHE); Shannon Davis (citizen); Ken Korkia (CAB staff); Erin Rogers (CAB staff); Deb Thompson (CAB staff); Brady Wilson (CAB staff)**REGULATOR UPDATE (CDPHE):** Steve Gunderson gave the quarterly update on Rocky Flats issues for CDPHE.

- CDPHE and EPA sent proposed **RFCA milestones** to DOE in mid July. They cover FY00, FY01, FY02 and outyears. A meeting of the principals will be held in late September to resolve any possible disputes over the establishment of those milestones. Also, at the end of August DOE provided the regulators with proposed **RFCA targets** for FY00, FY01 and FY02. Those are still under review by EPA and CDPHE.
- A concurrence on the **Mixed Residues Consent Order** is expected very soon, so this matter is finally resolved.
- The **Building 374 Compliance Order** is based on findings over long-term violations of hazardous waste permit requirements and other regulatory requirements. A draft of the consent order was submitted to the site in July, with a proposed penalty of \$300,000. CDPHE and the site will continue to meet to discuss and resolve issues about the draft compliance order.
- Legal disagreements between CDPHE and the site over the regulation of radionuclides in surface water continue to block agreement among the parties concerning the **NPDES permit**. One option now under consideration is to place the entire water discharge permit process under CERCLA (i.e., RFCA). The legal technicalities that are a problem under the NPDES permit don't appear to exist when it is covered by CERCLA.
- So far, six of the 82 D&D sets have been completed on the **Building 771** project. One more set is likely to be completed by September 30, for a total of seven this year. The performance measures established proposed completing 12 sets by the end of

**ADMIN RECORD**

September 30. Most of the D&D activity has involved removing non-contaminated gloveboxes and tanks. One glovebox has been size-reduced in the inner tent chamber (or "birdcage"); several more need to be completed. There were problems with limited resources, especially with the number of trained D&D workers and delays in the "birdcage" operations.

- The stripout of **Building 779** is about 75% complete, with all duct work removed and the rad survey on Annex B complete. All the rad surveys should be received by mid-September. Kaiser-Hill predicts demolition of the building by November 30.
- All 10 highly enriched uranium tanks in **Building 886** were scheduled to be removed by the end of August. A large annular tank will be removed in September, which leaves only minor piping and residual contamination in the building. A RFCA milestone exists, which calls for demolition of the building in FY00. However, in its draft 2006 Site Closure Baseline, Kaiser-Hill proposes to delay D&D activities on this building until 2002 and focus instead on D&D of plutonium buildings.
- The DOP for **Building 776** is out for public review. All activities in the building have been suspended after failing a Basis for Interim Operations management review. The findings are being corrected and some operations will be resumed over the next weeks, with a new management review in October.
- Project scoping for the **Building 707** DOP begins this month.
- Both the **East Trenches Plume** and **Solar Ponds Plume** projects are in process. Delays in scheduled concrete pours and wet weather conditions have made the schedule for meeting the September 30 milestone very tight. The water on both remediation systems is going through the treatment cells and being treated. Project completion is likely to occur the first or second week of October.

**DISCUSSION OF RFCAB 2000 WORK PLAN TOPICS:** Members of the Board, ex-officio representatives and the public present at the meeting were asked to contribute additional ideas to help develop the Board's 2000 work plan. First, as a group everyone participated in a brainstorming exercise and listed issues that they would like to see addressed in the coming year. Then everyone present was given five color-coded adhesive dots and asked to vote for the issues each individual considered to be the most important. Board members, ex-officio representatives and the public each were given different colors so as to establish the priorities for the different groups of people voting. Following are the issues and tallies that came out of this planning exercise:

| ISSUE                                            | TOTAL<br>VOTES | BOARD<br>MEMBERS | EX-<br>OFFICIO<br>MEMBERS | PUBLIC |
|--------------------------------------------------|----------------|------------------|---------------------------|--------|
| Industrial Area<br>Strategy/characterization/D&D | 20             | 9                | 6                         | 5      |
| Cleanup levels and RSALs                         | 19             | 8                | 6                         | 5      |
| Stewardship                                      | 19             | 9                | 5                         | 5      |
| 2006 Baseline assumptions                        | 15             | 4                | 6                         | 5      |
| Risk assessment                                  | 11             | 7                | 2                         | 2      |
| Future land use                                  | 9              | 3                | 3                         | 3      |
| Tracking actinide migration studies              | 7              | 6                | 1                         | 0      |

|                                                          |   |   |   |   |
|----------------------------------------------------------|---|---|---|---|
| Accelerated cleanup/trade-offs with standards and safety | 7 | 5 | 0 | 2 |
| Caps/covers                                              | 6 | 3 | 1 | 2 |
| Budgeting process for the next several years             | 4 | 3 | 0 | 1 |
| Website to address transportation issues/education       | 4 | 3 | 0 | 1 |
| Contract renewal and negotiations                        | 3 | 1 | 0 | 2 |
| Cleanup-associated technology/R&D                        | 2 | 1 | 0 | 1 |
| Track site actions against RFCAB vision                  | 2 | 2 | 0 | 0 |
| Residue plans                                            | 1 | 1 | 0 | 0 |
| Preserving heritage/site museum                          | 1 | 1 | 0 | 0 |
| Transportation logistics (WIPP)                          | 0 | 0 | 0 | 0 |

The Board will consider these issues, among others, as it continues developing a work plan for next year at the Board retreat to be held on September 12. The work plan and budget for 2000 will be submitted in final form for the Board's approval at its October meeting.

## **PRESENTATION AND DISCUSSION ON INDUSTRIAL AREA**

**CHARACTERIZATION AND REMEDIATION STRATEGY:** The Board received a presentation from Lane Butler (Kaiser-Hill) on the Strategy document now out for public review. The purpose of the Industrial Area Strategy document is to provide a roadmap to final closure of the Industrial Area (IA), and to determine how information will be processed to make closure decisions for the Industrial Area. The Industrial Area Strategy will serve as a key element of the site's closure plan efforts. The site's goal is to achieve cleanup and closure by 2006 — by achieving an endstate that is protective of human health and the environment, maximizes cost/schedule efficiency through project integration, optimizes characterization and remediation, and minimizes the generation of waste. The key components of the IA Strategy document are technical, risk and dose assessment, and integration strategies, as well as a regulatory and decision framework. The technical strategy is to consolidate Individual Hazard Substance sites (IHSS) into groups consistent with a D&D schedule, and to define quantity, quality and type of data to support decisions by the use of characterization and risk assessment. A comprehensive sampling plan will be developed using existing data, determining new data needs, and preparing data for closure decisions. Then, characterization will be performed and integrated with D&D actions. Finally, the remediation will be performed on soil and debris and contamination plumes. Caps and covers may be considered as an option; decision documents will be prepared for each separate remedial action. The decision framework for the IA Strategy is based on a certain risk assessment methodology, waste storage decisions and options, remediation methods, and final cleanup levels when they are established. The regulatory framework is established through the Rocky Flats vision, which guides all site activities, and the Rocky Flats Cleanup Agreement. Remedial actions are also driven by future land use and surface water protection standards. The risk and dose assessment strategy will evaluate risk, again based on land use scenarios, surface water protection methods, actinide migration data, water balance and land configuration design. Finally, the document's integration strategy

will ensure that long-term planning is consistent with site departments such as D&D, Waste Management, and Analytical Services, and that it establishes goals for continuous interaction with procurement, safety and security representatives at the site, as well as outside stakeholders and agencies. Activities identified in the IA Strategy for FY00 include developing data quality guidelines, completing a data usability analysis, developing a comprehensive IA sampling plan, and preparing an annual IA Status Report. The IA Strategy document is open for public comment through September 13.

**PUBLIC COMMENT PERIOD:** No comments were received.

**PRESENTATION AND DISCUSSION ON RECOMMENDATION RELATED TO THE INDUSTRIAL AREA CHARACTERIZATION AND REMEDIATION STRATEGY:**

A few Board members formed a focus group to review and discuss the Strategy document. That group met in August and prepared recommendations and comments on the document, which were presented to the Board for its approval. At this meeting, the Board discussed each comment and recommendation separately. A few sections of the recommendation and comments were not acceptable to some Board members, and were either tabled for action at a later date, for use in a separate recommendation, or removed entirely from consideration. The final text of the recommendation, which was agreed to by consensus and which will be submitted to the site by September 13, is summarized below:

- A request was made for further information from DOE on how the Data Quality Objectives for the Integrated Monitoring Plan will be used as the basis for developing the objectives for the IA Sampling and Analysis Plan (IASAP).
- The Board recommends that the IASAP be distributed for stakeholder input.
- RFCAB requests the document include a statement about the methods by which worker and public health and safety will be protected, and whether those methods are addressed in this document or other decision documents.
- The document should discuss how the site will address worker safety, downwind community protection, and environmental protection when making remedial action decisions.
- Removal of all utility and process lines from the site should be evaluated as a possibility, with regulator and stakeholder participation in that evaluation.
- Include the independent review of Soil Action Levels as a data input into the decision framework.
- The Board requests an opportunity to comment on proposed new methods for the onsite treatment of wastes.
- Characterization of any IA group should not rely solely on historical data — new samples should be taken at each remediation site.
- The document states that CERCLA five-year reviews for the site will be conducted "as necessary." However, the Board understands that CERCLA requires such five-year reviews, and asks the site explain the use of the term "as necessary" in this context.
- The site does not indicate what guidelines are to be used for the decision to use Monitored Natural Attenuation (MNA) as a third stage for groundwater remediation. RFCAB recommends the site select or create guidance on the use of MNA as an option, and that the selection or creation of guidance be open to review, comment and participation by stakeholders.
- The Board recommends including individuals responsible for post-closure maintenance and monitoring planning as part of the multi-organization Industrial

Area Group Remediation Project teams. A member of the Site Technology Coordination Group should also be considered as a representative to this group in order to provide a perspective on the use of new technologies. Stakeholders should also be involved in meetings of the IA Group Remediation Project teams.

**UPDATE FROM INTERIM STEWARDSHIP COMMITTEE:** Tom Marshall gave a brief status report on the activities of this group. The Interim Stewardship Committee was formed in early July, with the task to work with the Rocky Flats Coalition of Local Governments on initiating a dialogue for community input into stewardship issues at the site. The Board's Interim Stewardship Committee prepared a proposal addressing how to set up a joint effort between RFCAB and the Coalition. The Coalition held two study sessions on stewardship issues, plus both RFCAB and the Coalition have held a few joint meetings. Just last week, the Coalition agreed to the process proposed by RFCAB, which consists of two phases. The first is the convening phase, during which time a contractor will be selected to assist with the design of the dialogue process. A budget has been established of no more than \$25,000 to be funded by the Coalition. The second phase will consist of the actual dialogue, discussions and recommendations by the Stewardship Task Force. Three Board members will serve on the Steering Committee to that group (Tom Marshall, Jerry DePoorter and Shawn Burke). On a related note, the Board will send five of its members to a conference for SSAB members to be held in Oak Ridge, Tennessee in late October. RFCAB will be asked in advance for input that the conference attendees can take to assist them in representing the Board at this conference.

**FINAL REVIEW OF RFCAB VISION DOCUMENT:** One Board member expressed concerns with the text of the vision document, and did not feel it was ready for final review and approval until there was time to air those concerns and have them resolved. There was not sufficient time remaining on the agenda to discuss those issues at this meeting. Therefore, the Board member was asked to prepare and transmit via email to the Board and staff a list of concerns and problems with the document prior to the Board's retreat on September 12. Final approval and review of the vision document has been postponed and will now be on the October Board meeting agenda.

**REVIEW AND APPROVAL OF RECOMMENDATION FROM THE ACTINIDE MIGRATION EVALUATION TECHNICAL REVIEW GROUP:** The Technical Review Group (TRG) functions as a partially-autonomous committee of the Board. At this meeting, TRG submitted its first recommendation to DOE, and asked the Board for its concurrence on the recommendation. The recommendation requests that DOE begin each Actinide Migration Evaluation public meeting with a presentation giving attendees a brief overview of the site's conceptual model for actinide migration. TRG's technical review and advisory contractor (ATL International) noted that the study presentations at each meeting were often irrelevant without a context to gauge them by. RFCAB members endorsed TRG's recommendation by consensus without any changes to the text. It will be forwarded to DOE on behalf of the Technical Review Group, stating that the Board endorses the recommendation.

**DISCUSS RETREAT AGENDA:** The meeting portion of the Board's retreat will begin at 9 a.m. and will end at 5 p.m. The retreat will be held at The Ranch Country Club in Westminster. RFCAB will first discuss and prepare a draft of its 2000 work plan, then will review and discuss Board operations as they exist, and any potential changes to those operations. In the afternoon, Reed Hodgins has developed some team building and consensus decision-making training exercises for the Board. A retreat agenda and packet, with

logistics and more detailed information, will be mailed to Board members on September 3.

**NEXT MEETING:**

Date: October 7, 6 - 9:30 p.m.

**Location:** College Hill Library, Front Range Community College, 3705 West 112<sup>th</sup> Avenue, Westminster

**Agenda:** Presentation from the Health Advisory Panel on its final report; review and approval of Board's 2000 work plan and budget; review and discussion about RFCAB vision document; discussion about stewardship issues in preparation for Oak Ridge SSAB Stewardship Workshop; discussion on transportation topics (follow-up from SSAB Transportation Workshop)

**ACTION ITEM SUMMARY: ASSIGNED TO:**

1. Revise and forward recommendation on Industrial Area Characterization Strategy to DOE by September 13 -Brady Wilson
2. Outline concerns with the vision document and transmit to Board and staff via email for review and consideration - Ray Betts
3. Finalize and forward recommendation to DOE from the AME TRG - Brady Wilson

**MEETING ADJOURNED AT 9:40 P.M. \***

(\* Taped transcript of full meeting is available in CAB office.)

**RESPECTFULLY SUBMITTED:**

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Mary Harlow, Secretary  
Rocky Flats Citizens Advisory Board

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The Rocky Flats Citizens Advisory Board is a community advisory group that reviews and provides recommendations on cleanup plans for Rocky Flats, a former nuclear weapons plant outside of Denver, Colorado.

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